

**FUNCTIONAL DYE CONTAINING LONG-CHAIN ALKYL GROUP**

Patent Number: JP61221265  
Publication date: 1986-10-01  
Inventor(s): SUGA SADAJI; others: 03  
Applicant(s): NIPPON KANKO SHIKISO KENKYUSHO:KK  
Requested Patent: ☐ JP61221265  
Application Number: JP19850062888 19850327  
Priority Number(s):  
IPC Classification: C09B11/28; C09B57/00  
EC Classification:  
Equivalents: JP5033274B

---

**Abstract**

---

NEW MATERIAL:Rhodamine compounds of formula I, wherein R1, R3 are each lower alkyl; R2 is lower alkyl, 10C or higher long-chain alkyl; R4 is 10C or higher long-chain alkyl; X<-> is an anion, or squarylium compounds of formula II, wherein R2 is 10C or higher long-chain alkyl.

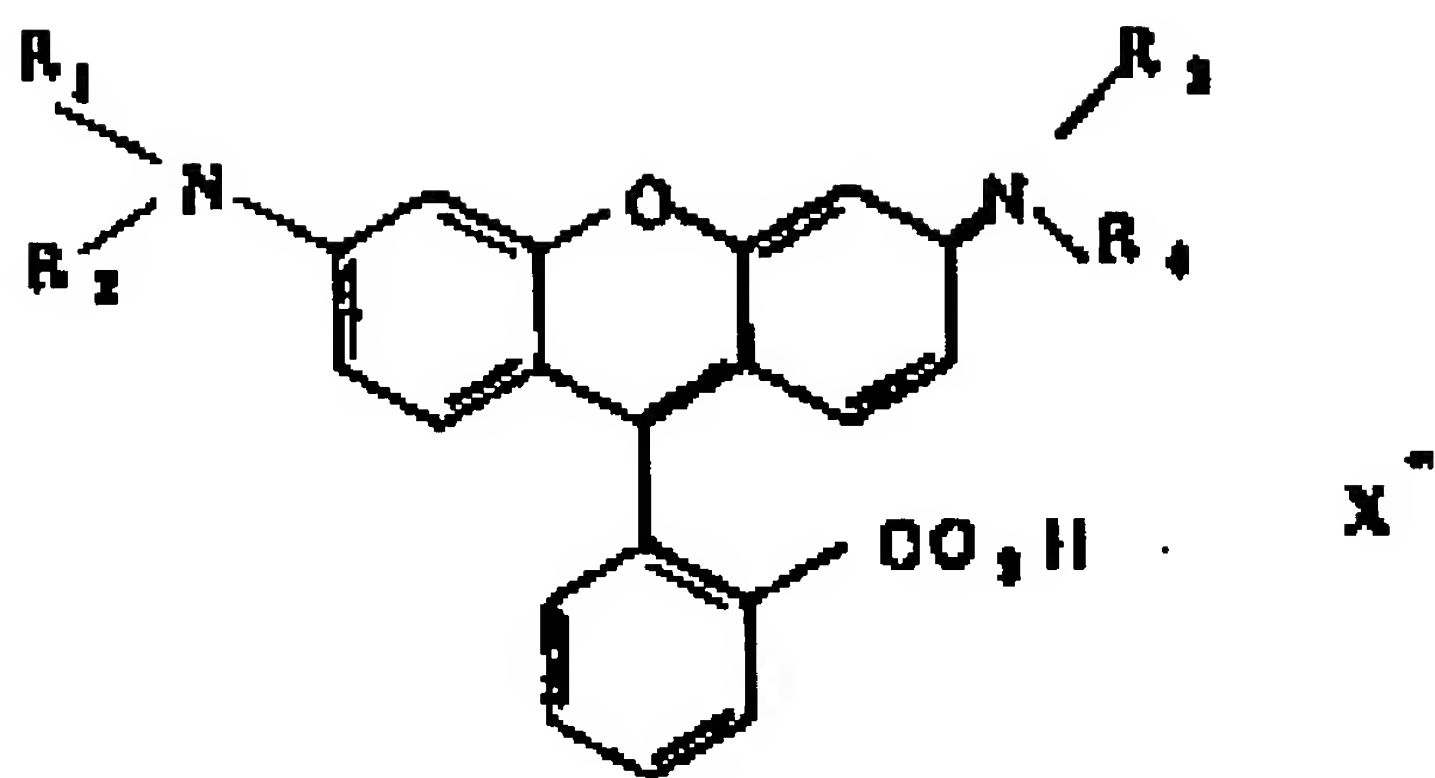
EXAMPLE:3,6-(N,N'-Diethyl-N,N'-dioctadecyl) diamino-9-(2-carboxypheyl) xanthi lium perchlorate.

USE:Materials for molecular electronics, which are suitable for use as materials for photoelectric converter, optical memory, etc.

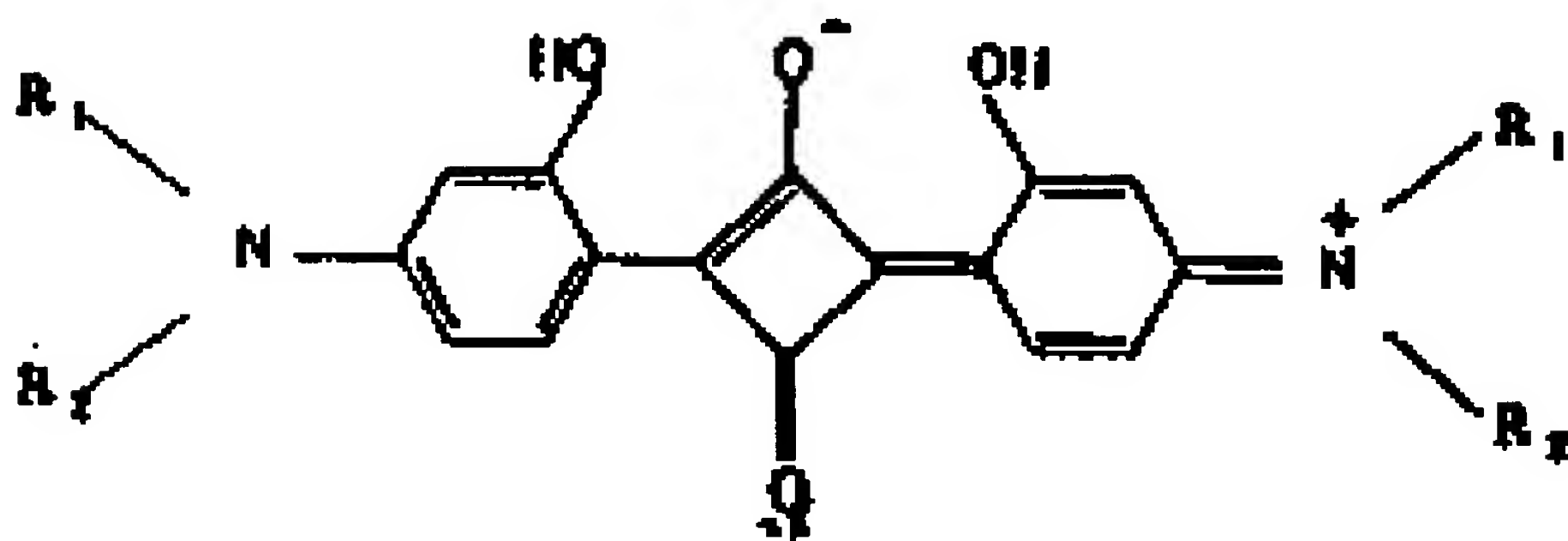
PREPARATION:2-(4-N,N'-Diethylamino-2-hydroxybenzoyl)-benzoic acid, which is a condensate between N-ethyl-N-octadecyl-m-hydroxyaniline and phthalic anhydride, is reacted with N-ethyl-N-octadecyl-m-hydroxyaniline to obtain the compd. of formula I.

---

Data supplied from the esp@cenet database - I2



I



II